James Johnston

Intro to Operating Systems

Assignment 1

1. Figure out how to list running processes on your computer. (ps -ef will do it on UNIX-based computers.) How many processes are running?

450 processes are running

Choose ten of them, for which you have no clue what they are doing. Figure out what it is they do!

disnoted- distributes notification service

RdrCEF Helper- adobe background application

sharingd- remote screen access and sharing data through Airdrop

CommCenter-is the service handling network connectivity on the iPhone, iPad and iPod touch.

gamed-Game Center notifications from the System Settings

mdflagwriter- Spotlight's indexing

mdworker- search engine Spotlight

cdpd- ???

mdwrite- As part of OS X private Metadata.framework most probably serves filesystem metadata used by Spotlight.

icdd- icdd is related to the Image Capture.app/service

2. Record every computer you encounter for an entire day.

-macbook pro

-iPhone 6s plus

-iPad 2

-roku

-subway teller

-atm

-starbucks tablet

-shakeShack cashier

-Computer that says when the next subway train is coming

-NYU card reader

-library printer

-credit card reader

-Brooklyn Natural’s cashier

-uber driver satnav

3. Write a C program that:

1 mallocs enough space to hold the string "Hello world!" (Remember you need a 0 on the end!)

2 Writes "Hello world!" into that buffer.

3 Prints the contents of the buffer.

4 Frees the buffer.

